

## § 175.705

(b) A plutonium package must be secured and restrained to prevent shifting under normal transport. A plutonium package weighing 40 kg (88 lbs) or more must be securely cradled and tied down to the main deck of the aircraft such that the tied down system is capable of providing package restraint against the following inertial forces acting separately relative to the deck of the aircraft: Upward, 2g; Forward, 9g; Sideward, 1.5g; Downward, 4.5g.

(c) A plutonium package weighing less than 40 kg (88 lbs), and having its height and diameter both less than 50 cm (19.7 in), may not be transported aboard an aircraft carrying other cargo required to bear an "Explosive A" or an "Explosive 1.1" label. Any other plutonium package may not be transported aboard an aircraft carrying other cargo bearing any of the following hazardous material labels: Explosive A; Explosive B; Explosive C; Explosive 1.1, 1.2, 1.3, 1.4, 1.5 or 1.6; Spontaneously Combustible; Dangerous When Wet; Organic Peroxide; Non-Flammable Gas; Flammable Liquid; Flammable Solid; Flammable Gas; Oxidizer; or Corrosive.

[Amdt. 175-53, 60 FR 50333, Sept. 28, 1995]

### **§ 175.705 Inspection of aircraft for contamination by Class 7 (radioactive) materials.**

(a) Aircraft used routinely for the carriage of Class 7 (radioactive) materials shall be periodically checked for radioactive contamination. The frequency of checks shall be related to the likelihood of contamination and the extent to which Class 7 (radioactive) materials are carried.

(b) An aircraft must be taken out of service if the level of contamination exceeds that provided in § 175.700(b).

[Amdt. 175-25, 47 FR 54824, Dec. 6, 1982, as amended by Amdt. 175-47, 55 FR 52687, Dec. 21, 1990]

## **PART 176—CARRIAGE BY VESSEL**

### **Subpart A—General**

Sec.

176.1 Purpose and scope.

176.2 Definitions.

176.3 Unacceptable hazardous materials shipments.

## **49 CFR Ch. I (10-1-97 Edition)**

176.4 Port security and safety regulations.

176.5 Application to vessels.

176.9 "Order-Notify" or "C.O.D." shipments.

176.11 Exceptions.

176.13 Responsibility for compliance and training.

176.15 Enforcement.

176.18 Assignment and certification.

### **Subpart B—General Operating Requirements**

176.24 Shipping papers.

176.27 Certificate.

176.30 Dangerous cargo manifest.

176.31 Exemptions.

176.36 Preservation of records.

176.39 Inspection of cargo.

176.45 Emergency situations.

176.48 Situation requiring report.

176.50 Acceptance of damaged or leaking packages.

176.52 Rejections of shipments in violation.

176.54 Repairs involving welding, burning, and power-actuated tools and appliances.

### **Subpart C—General Handling and Stowage**

176.57 Supervision of handling and stowage.

176.58 Preparation of the vessel.

176.60 "No Smoking" signs.

176.63 Stowage locations.

176.65 Alternative stowage procedures.

176.69 General stowage requirements for hazardous materials.

176.70 Stowage requirements for marine pollutants.

176.72 Handling of break-bulk hazardous materials.

176.74 On deck stowage of break-bulk hazardous materials.

176.76 Transport vehicles, freight containers, and portable tanks containing hazardous materials.

176.77 Stowage of barges containing hazardous materials on board barge-carrying vessels.

176.78 Use of power-operated industrial trucks on board vessels.

### **Subpart D—General Segregation Requirements**

176.80 Application.

176.83 Segregation.

176.84 Other requirements for stowage and segregation for cargo vessels and passenger vessels.

### **Subpart E—Special Requirements for Transport Vehicles Loaded With Hazardous Materials and Transported on Board Ferry Vessels**

176.88 Application.

176.89 Control of transport vehicles.